# Grid-Connected PV Capacity (kW) Installed in California

|   | kW Installed | Percent of Total |
|---|--------------|------------------|
| California Energy Commission*             | 40,732       | 46.27%           |
| California Public Utilities Commission*   | 22,620       | 25.69%           |
| Sacramento Municipal Utility District     | 11,924       | 13.54%           |
| Los Angeles Department of Water and Power | 9,513        | 10.81%           |
| Pre-1998                                  | 1,918        | 2.18%            |
| City of Riverside Public Utilities        | 389          | 0.44%            |
| City of Anaheim Public Utilities          | 312          | 0.35%            |
| City of Palo Alto Utilities               | 275          | 0.31%            |
| City of Roseville Electric                | 133          | 0.15%            |
| City of Pasadena Water and Power          | 84           | 0.10%            |
| City of Santa Clara Electric Utility      | 54           | 0.06%            |
| City of Ukiah Public Utilities            | 20           | 0.02%            |
| City of Glendale Water and Electric       | 19           | 0.02%            |
| Pacific Power                             | 19           | 0.02%            |
| City of Burbank Water and Power           | 10           | 0.01%            |
| City of Redding Electric Utility          | 8            | 0.01%            |
| City of Alameda Power and Telecom         | 5            | 0.01%            |
| City of Lodi Electric Utility             | 4            | 0.00%            |
|   |              |                  |
| TOTAL                                     | 88,038       | kW               |
|   |              |                  |

88.04 MW

This analysis tracks the capacity of grid-connected PV installations in California from 1981 until the present. The vast majority of the early installations can be attributed to the work done by the Sacramento Municipal Utility District (SMUD). Beginning in 1998, the Energy Commission's Emerging Renewables ("Buydown") Program began offering rebates for grid-connected "emerging" systems in the service territories of the three largest Investor Owned Utilities (IOUs) - PG&E, SCE and SDG&E. In 2001, the Public Utilities Commission began the Self-Generation Incentive Program. The "Self-Gen" Program also offers rebates, but the program is administered by the utilities (PG&E, SCE, SDG&E and SCGC) directly. The Los Angeles Department of Water and Power (LADWP), as well as many of the smaller utilities, offer their own incentive programs.

<sup>\*</sup> The Energy Commission's Emerging Renewables Program is open to the ratepayers of PG&E, SCE and SDG&E. The Public Utilities Commission's Self-Generation Incentive Program is open to the ratepayers of PG&E, SCE, SDG&E and the SCGC.

#### Grid-Connected PV Capacity Installed in California

#### **YEAR**

|   | 1981 | 1982 | 1983 | 1984   | 1985   | 1986   | 1987    | 1988  | 1989  | 1990  | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997  | 1998  | 1999  | 2000   | 2001   | 2002   | 2003   | 2004   | Total  |
|---|------|------|------|--------|--------|--------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| Program                                   |      |      |      |        |        |        |         |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |        |        |        |
| Sacramento Municipal Utility Distric      | ٥    | 0    |      | 0 1.23 | n      | 0 1.23 | n (     |       | ١ ١   | 0     | 0     | 23    | 495   | 675   | 561   | 421   | 405   | 236   | 1.220 | 1.446  | 1.679  | 1.390  | 363    | 550    | 11.924 |
| California Energy Commission              | 0    | 0    |      |        |        |        | ) (     | ,     | , ,   | 0     | 0     | 0     | 733   | 0/0   | 001   | 721   | 100   | 181   | 619   | 726    | 4.034  | 8,102  | 12.273 | 14.797 | 40,732 |
| Pacific Gas and Electric                  | 0    | 0    |      | 0      | 0      | 0 1    | ) (     | ) (   | ) (   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 61    | 360   | 487    | 2,041  | 4,951  | 7,417  | 9.259  | 24,576 |
| Southern California Edisor                | 0    | 0    |      | 0      | 0      | 0      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120   | 250   | 133    | 1.118  | 2.108  | 3.156  | 3.673  | 10,558 |
| San Diego Gas and Electric                | 0    | 0    |      | 0      | 0      | 0      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 10    | 106    | 866    | 1.042  | 1.675  | 1.865  | 5,565  |
| Bear Valley Electric                      | ō    | 0    |      | 0      | 0      | 0      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 10     | 0      | 24     | 0      | 33     |
| Los Angeles Department of Water and Power | 0    | 0    |      | 0      | 0      | 0      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 102   | 432    | 589    | 2,573  | 3.829  | 1.988  | 9,513  |
| California Public Utilities Commission    |      |      |      |        |        |        |         |       |       |       |       |       |       |       |       |       |       |       |       |        | 0      | 1,889  | 9,928  | 10,803 | 22,620 |
| Pacific Gas and Electric                  | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 1,671  | 4,208  | 6,160  | 12,039 |
| Southern California Edisor                | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 114    | 2,649  | 1,671  | 4,434  |
| San Diego Gas and Electric                | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 74     | 1,971  | 2,972  | 5,017  |
| ***Southern California Gas Company        | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 30     | 1,100  | 0      | 1,130  |
| Pre-1998                                  | 37   | 38   | 11   | 1 12   | 15     | 63     | -       | 4     | 59    | 15    | 17    | 477   | 806   | (336) | (250) | 378   | 110   | 464   | -     | -      | -      | -      | -      | -      | 1,918  |
| City of Palo Alto Utilities               | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 16    | 16     | 98     | 73     | 40     | 33     | 275    |
| City of Santa Clara Electric Utility      | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 2      | 34     | 14     | 4      | 0      | 54     |
| City of Pasadena Water and Power          | 0    | 0    |      | 0      |        |        | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 84     | 0      | 0      | 84     |
| City of Burbank Water and Power           | 0    | 0    |      | 0      | •      | •      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 0      | 0      | 3      | 0      | 3      | 10     |
| City of Anaheim Public Utilities          | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 102    | 17     | 107    | 50     | 37     | 312    |
| City of Redding Electric Utility          | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 2      | 0      | 7      | 8      |
| City of Glendale Water and Electric       | 0    | 0    |      | 0      | 0      | 0 (    | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 19     | 0      | 0      | 19     |
| City of Riverside Public Utilities        | 0    | 0    |      | 0      | 0      |        | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 150    | 15     | 214    | 10     | 389    |
| City of Roseville Electric                | 0    | 0    |      | 0      | -      | -      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 9     | 0      | . 0    | 44     | 62     | 18     | 133    |
| Pacific Power                             | 0    | 0    |      | 0      |        |        | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 10     | 9      | 0      | 0      | 19     |
| City of Alameda Power and Telecom         | 0    | 0    |      | 0      | -      |        | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 4     | 0     | 0      | 0      | 1      | 0      | 0      | 5      |
| City of Ukiah Public Utilities            | 0    | 0    |      | 0      | 0      | 0      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0      | 12     | 8      | 0      | 20     |
| City of Lodi Electric Utility             | 0    | 0    |      | 0      | U      | 0      | ) (     | ) (   | ) 0   | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 4      | 0      | 0      | 0      | 4      |
| TOTAL                                     | 37   | 38   | 1    | 1 1,24 | 2 1    | 5 1,29 | 3 (     | ) 4   | 59    | 15    | 17    | 500   | 1,301 | 339   | 311   | 799   | 515   | 885   | 1,970 | 2,724  | 6,615  | 14,335 | 26,770 | 28,246 | 88,038 |
| Cumulative Total                          | 37   | 75   | 8    | 6 1,32 | 8 1,34 | 2 2,63 | 5 2,635 | 2,639 | 2,698 | 2,713 | 2,730 | 3,230 | 4,530 | 4,869 | 5,180 | 5,980 | 6,494 | 7,379 | 9,349 | 12,073 | 18,688 | 33,022 | 59,793 | 88,038 |        |

NOTES

\* The Energy Commission's Emerging Renewables Program is open to the ratepayers of PG&E, SCE and SDG&E. The Public Utilities Commission's Self-Generation Incentive Program is open to the ratepayers of PG&E, SCE, SDG&E and the SCGC.

\*\* The 2004 data is current as of 9/30/04.

\*\*\* The Southern California Gas Company (SCGC) has paid on over 4.5 MW of PV. However, the Gas Company has overlapping territory with several electric utilities that are reporting on the same projects. For projects that have participated in multiple programs with the Gas Company, the totals will be reported by electric utilities. Projects that have only participated in the Gas Company rebate program will be reported under the Gas Company header.

"Pre-1998" Row: These numbers were derived by subtracting the total kW installed by SMUD each year from the totals contained in Appendix A of the 2001 EPRI Report titled "California Renewable Technology Market and Benefits Assessment." In some years, there is a negative number. This obviously did not happen. To be consistent with the EPRI data, it was decided to keep the negative number rather than make more assumptions. Similarly, when determining the number of systems by year, the results showed negative numbers. Again, to be consistent with the EPRI data, it was decided to keep the negative number rather than make more assumptions.

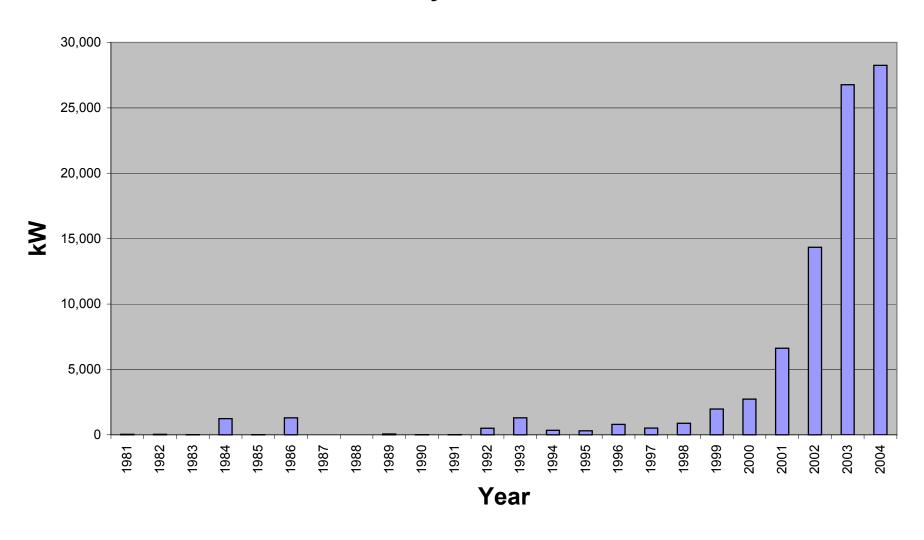
In some cases, the 2002 totals for the smaller utilities reflect the cumulative total of all PV installed, not just the 2002 total.

Many of the utilities contacted had, at one time, a solar rebate program. It is possible other utilities have rebate programs, or other utilities may have installed PV, but those are not accounted for in thi summary.

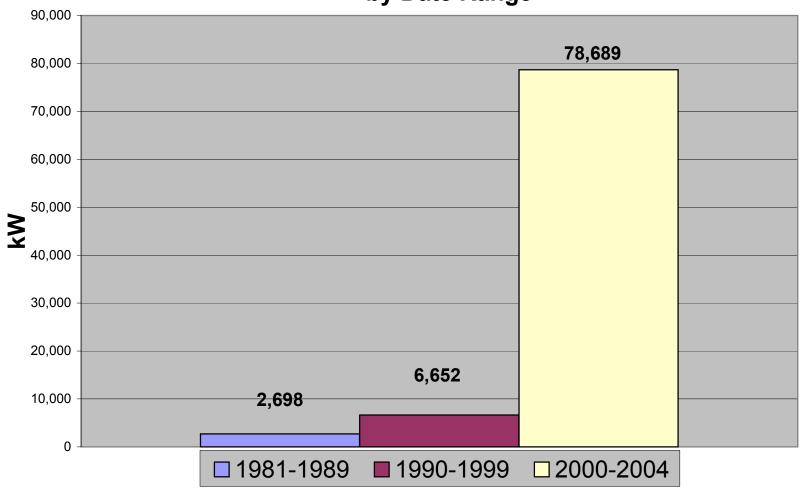
The Energy Commission numbers do not include any Publicly Owned Electric Utility installed systems. The Energy Commission has paid for 343 kW of these systems. However, to avoid double counting, these numbers were subtracted from the yearly totals.

The majority of programs report their watts in PTC. PTC stands for "PVUSA Test Conditions." PTC watt rating is based on 1000 Watt/m2 solar irradiance, 20 degree Celsius ambient temperature, and meter/second wind speed. The PTC watt rating is lower than the "Standard Test Conditions" (STC), a watt-rating used by manufacturers. Known programs that do not use PTC include: Los Angeles Department of Water and Power (STC); City of Riverside Public Utilities (DC output); Sacramento Municipal Utility District (DC output prior to 2003, then PTC).

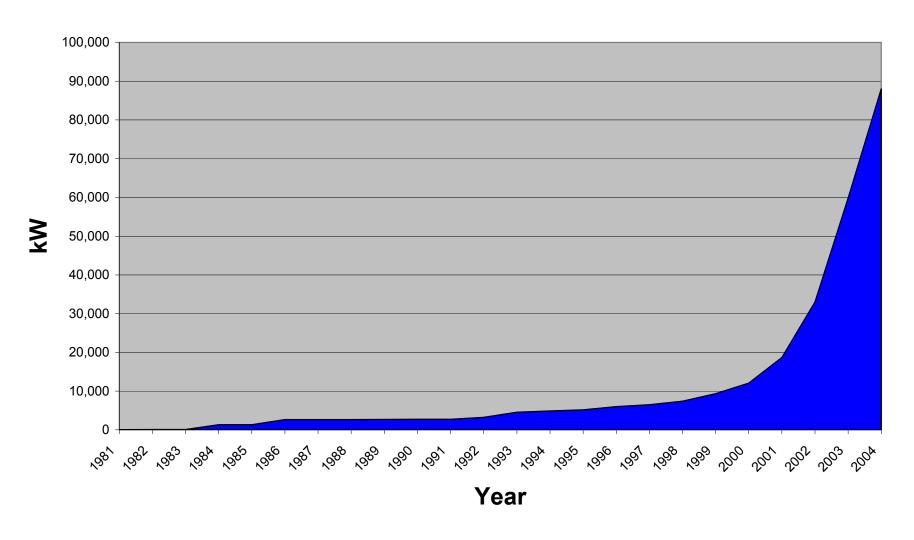
# Grid-Connected PV Capacity Installed in California By Year



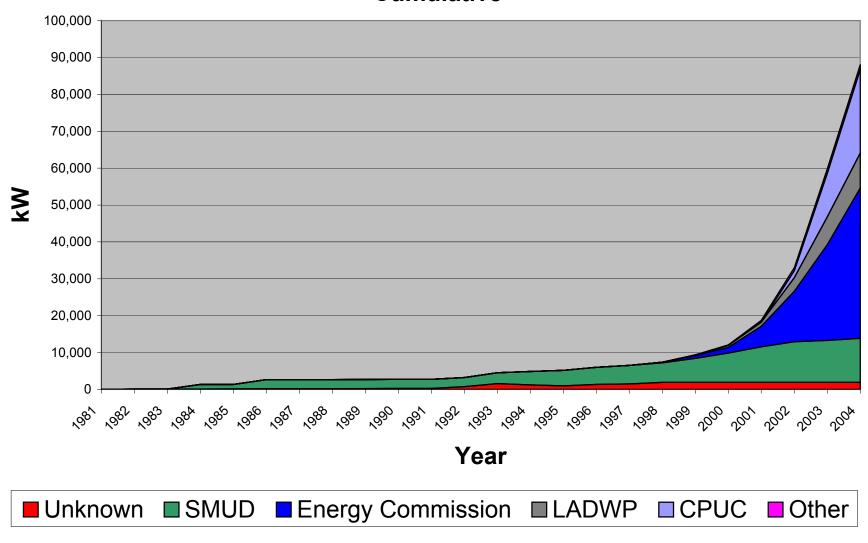
# Grid-Connected PV Capacity Installed in California by Date Range



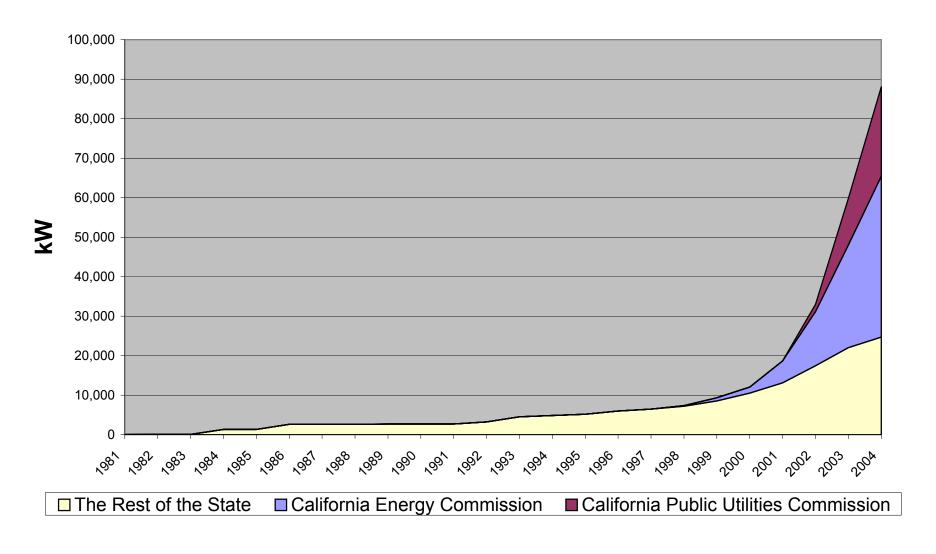
### Grid-Connected PV Capacity Installed in California Cumulative



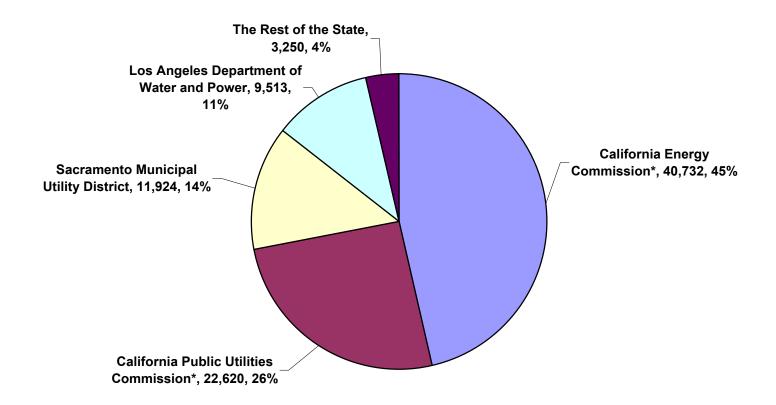
### Grid-Connected PV Capacity Installed in California Cumulative



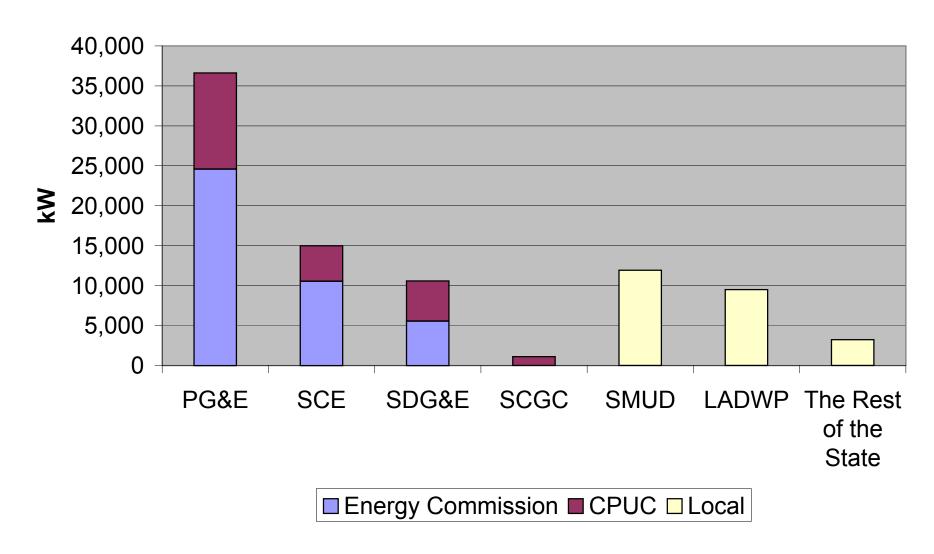
### Grid-Connected PV Capacity Installed in California Cumulative



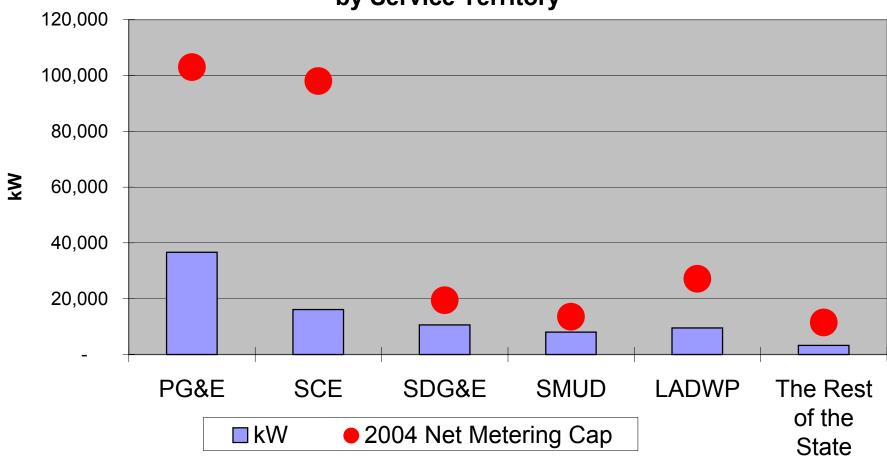
# Grid-Connected PV Capacity Installed in California Cumulative, kW



# Grid-Connected PV Capacity Installed in California by Service Territory

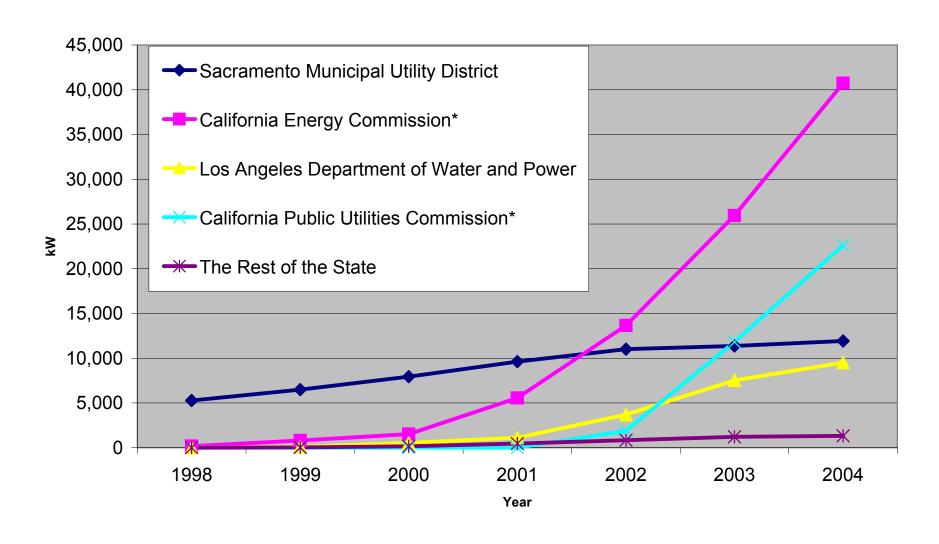


# Estimated Net Metering Caps and Grid-Connected PV Capacity Installed in California by Service Territory

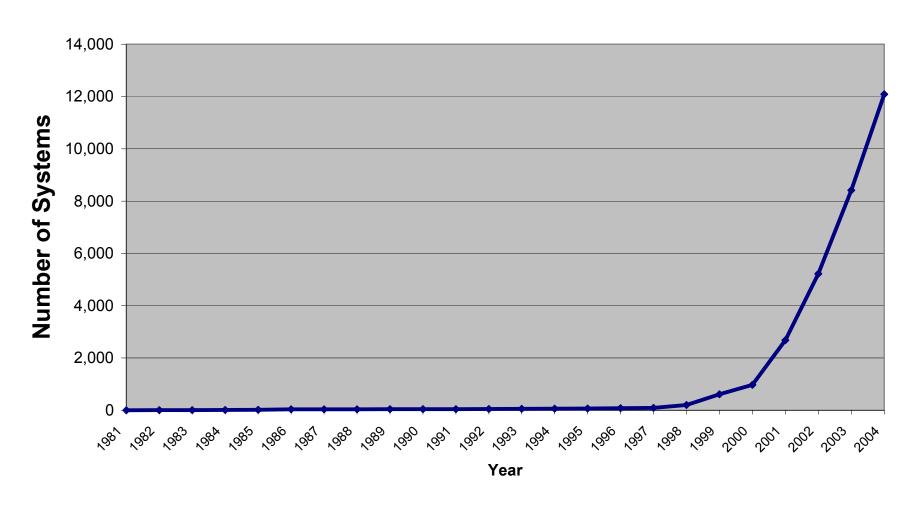


LADWP is exempted from the AB 58 net metering provisions. However, an estimated cap is provided for LADWP as if the cap did apply to them.

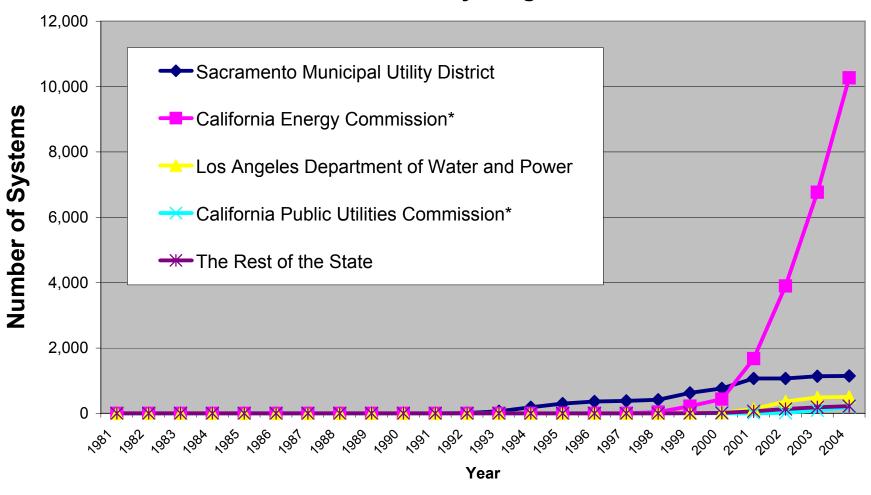
# Grid-Connected PV Capacity Installed in California Cumulative kW Installed by Program: 1998 - 2004



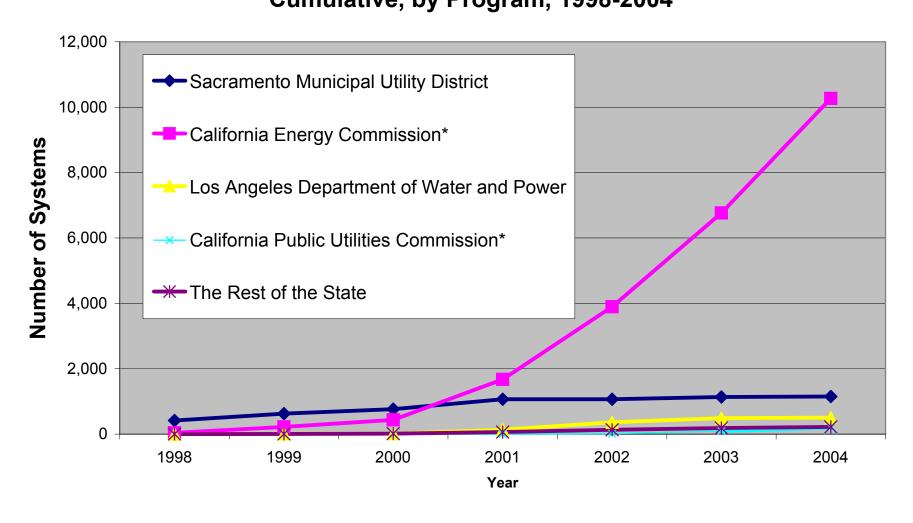
### Number of Grid-Connected PV Systems Installed In California Cumulative



### Number of Grid-Connected PV Systems Installed in California Cumulative by Program



### Number of Grid-Connected PV Systems Installed in California Cumulative, by Program, 1998-2004



#### Grid-Connected PV Program Contacts in California

| Program                              | Contact                         | Telephone                    | Email   |
|--------------------------------------|---------------------------------|------------------------------|---|
| California Energy Commission*        |                                 | 916-653-2834                 |   |
|                                      | 1                               | T                            |   |
| California Public Utilities          |                                 |                              |   |
| Commission*                          | D 11 11 1 1                     | 445.070.0000                 | D.1120  |
|                                      | Dean Heatherington Howard Green |                              | DAH7@pge.com  |
|                                      | Mike Magee                      | 626-302-8436                 | greenh@sce.com                                      |
|                                      | Marshall Kiyohiro               | 858-244-1177<br>213-244-5619 | selfgen@sdenergy.org<br>selfgeneration@socalgas.com |
| 3000                                 | INIAISIIAII KIYOIIIIO           | 213-244-3019                 | seligeneration@socalgas.com                         |
| Sacramento Municipal Utility         |                                 |                              |   |
| District                             | Mike Keesee                     | 916-732-5244                 | MKeesee@smud.org                                    |
|                                      | •                               | •                            | -   |
|                                      |                                 |                              |   |
| Los Angeles Department of Water      |                                 |                              |   |
| and Power                            | Josephine Gonzalez              | 213-367-3151                 | josephine.gonzalez@ladwp.com                        |
|                                      | 1                               | T                            |   |
| City of Palo Alto Utilities          | Lindsay Joye                    | 650-329-2241                 | pvpartners@cityofpaloalto.org                       |
|                                      | Ī                               | T                            | T   |
| City of Conta Claus Flactuic Hellis  |                                 | 400 244 0445                 |   |
| City of Santa Clara Electric Utility | Leslie Brown                    | 408-244-SAVE                 | lbrown@ci.santa-clara.ca.us                         |
|                                      |                                 | I                            | T   |
| City of Pasadena Water and Power     | Mauricio Meija                  | 626-744-6970                 | mmejia@ci.pasadena.ca.us                            |
| Oity of Fusauchia Water and Fower    | Madricio Mejia                  | 020 / 11 00/0                | minejia@ci.pasadena.ca.us                           |
|                                      |                                 |                              |   |
| City of Burbank Water and Power      | John Jovce                      | 818-238-3653                 | jjoyce@ci.burbank.ca.us                             |
|                                      |                                 | I.                           | <u>                                     </u>        |
|                                      |                                 |                              |   |
| City of Anaheim Public Utilities     | Dina Predisik                   | 714-765-4182                 | dpredisik@anaheim.net                               |
|                                      |                                 |                              |   |
|                                      |                                 |                              |   |
| City of Redding Electric Utility     | Paul Ahern                      | 530-339-7241                 | pahern@reupower.com                                 |
|                                      |                                 | 1                            |   |
| City of Glendale Water and           |                                 |                              |   |
| Electric                             | Ned Bassin                      | 818-548-2748                 | nbassin@ci.glendale.ca.us                           |
|                                      | 1                               | I                            |   |
|                                      |                                 |                              |   |
| City of Riverside Public Utilities   | Atoya Mendez                    | 909-826-5790                 | amendez@ci.riverside.ca.us                          |
|                                      | Ī                               | I                            | T   |
| 0'5-45                               |                                 | 040 774 700 /                |   |
| City of Roseville Electric           | Pat Morrison                    | 916-774-5624                 | pmorrison@roseville.ca.us                           |
| Pacific Power                        | Michael D. 11                   | E02 012 C0E2                 |   |
| Facilic Power                        | Michael Reid                    | 503-813-6052                 | michael.reid@pacificorp.com                         |
| City of Alameda Power and            |                                 |                              |   |
| Telecom                              | Don Bushton                     | 510-748-3946                 | druchton@alamedant.com                              |
| I GIGCOIII                           | Don Rushton                     | 010-740-3840                 | drushton@alamedapt.com                              |
|                                      |                                 |                              |   |
| City of Ukiah Public Utilities       | Cindy Sauers                    | 707-463-6295                 | cindys@cityofukiah.com                              |
| only of Origin I abile offices       | Johnuy Sauers                   | 1.01 -00-0280                | on dys@oityordian.com                               |
|                                      |                                 | 200 222 6000                 |   |
| City of Lodi Electric Utility        | Rob Lechner                     | 209-333-6800 x<br>2583       | rlechner@lodielectric.com                           |
| Sity of Loai Liectife Othicly        | LYON FECULIEI                   |                              | niconnel@iodielectric.com                           |

#### Grid-Connected PV Program Alternate Contacts in California

| Program                                    | Contact                        | Telephone                       | Email  |
|--|--------------------------------|---------------------------------|--|
| California Energy Commission*              | Todd Lieberg                   | 916-654-4059                    | tlieberg@energy.state.ca.us                        |
|  |                                |                                 |  |
| California Public Utilities<br>Commission* |                                |                                 |  |
| PG&E                                       | Sara Burmingham                | 415-973-5187                    | sebb@pge.com                                       |
| SCE  | Mei Wong                       |                                 | Mei.Wong@sce.com                                   |
| SDG&E                                      | Nathalie Osborn                | 858 244-1193                    | nos@sdenergy.org                                   |
| SCGC                                       | Tony Prietto                   | 213-244-3679                    | aprieto@semprautilities.com                        |
| Sacramento Municipal Utility District      | Mike Keesee                    | 916-732-5244                    | MKeesee@smud.org                                   |
| Los Angeles Department of Water and Power  | Paul Costa or<br>Thomas Honles | 213-367-4211 or<br>213-367-3151 | paul.costa@ladwp.com or<br>thomas.honles@ladwp.com |
| City of Palo Alto Utilities                | Lindsay Joye                   | 650-329-2241                    | pvpartners@cityofpaloalto.org                      |
| City of Santa Clara Electric Utility       | Leslie Brown                   | 408-244-SAVE                    | lbrown@ci.santa-clara.ca.us                        |
| City of Pasadena Water and Power           | Mauricio Mejia                 | 626-744-6970                    | mmejia@ci.pasadena.ca.us                           |
| City of Burbank Water and Power            | John Joyce                     | 818-238-3653                    | jjoyce@ci.burbank.ca.us                            |
| City of Anaheim Public Utilities           | Dina Predisik                  | 714-765-4182                    | dpredisik@anaheim.net                              |
| City of Redding Electric Utility           | Pam Brady-Koss                 | 530-339-7215                    | pbradykoss@reddingelectricutility.com              |
| City of Glendale Water and Electric        | Ned Bassin                     | 818-548-2748                    | nbassin@ci.glendale.ca.us                          |
| City of Riverside Public Utilities         | Atoya Mendez                   | 909-826-5790                    | amendez@ci.riverside.ca.us                         |
| City of Roseville Electric                 | Pat Morrison                   | 916-774-5624                    | pmorrison@roseville.ca.us                          |
| Pacific Power                              | Michael Reid                   | 503-813-6052                    | michael.reid@pacificorp.com                        |
| City of Alameda Power and Telecom          | Don Rushton                    | 510-748-3946                    | drushton@alamedapt.com                             |
| City of Ukiah Public Utilities             | Cindy Sauers                   | 707-463-6295                    | cindys@cityofukiah.com                             |
| City of Lodi Electric Utility              | Rob Lechner                    | 209-333-6800 x<br>2583          | rlechner@lodielectric.com                          |

Graphing Data

#### YEAR

| Program  |  |  |   |   |   |  |  |                         |   |                                 |                             |                         |                         |                             |                         |                         |                                    |                           |                              |                              |                                    |                                    |                                    |                |
|--|--|--|---|---|---|--|--|-------------------------|---|---------------------------------|-----------------------------|-------------------------|-------------------------|-----------------------------|-------------------------|-------------------------|------------------------------------|---------------------------|------------------------------|------------------------------|------------------------------------|------------------------------------|------------------------------------|----------------|
| Sacramento Municipal Utility District  | 0  | 0  | 0   | 1,230   | 0   | 1,230  | 0  | 0                       | 0 0                                       |                                 | 23<br>0                     | 495                     | 675<br>0                | 561<br>0                    | 421<br>0                | 405<br>0                | 236<br>181                         | 1,220<br>619              | 1,446<br>726                 | 1,679<br>4,034               | 1,390<br>8,102                     | 363<br>12,273                      | 550<br>14,797                      | 11,924         |
| California Energy Commission*  Pacific Gas and Electric  | . 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 61                                 | 360                       |                              | 2 041                        | 4 951                              | 7 417                              | 9 259                              | 40,732         |
| Southern California Edison   | 0  | ō  | ō   | ō   | ō   | ō  | ō  | ō                       | 0 0                                       | 0                               | ō                           | ō                       | ō                       | ō                           | ō                       | ō                       | 120                                | 360<br>250                | 487<br>133                   | 2,041<br>1,118               | 4,951<br>2,108                     | 7,417<br>3,156                     | 9,259<br>3,673                     | 10,558         |
| San Diego Gas and Electric<br>Bear Valley Electric   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 10                        | 106                          | 866<br>10                    | 1,042                              | 1,675                              | 1,865                              | 5,565          |
| Los Angeles Department of Water and Power  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 102                       | 432                          | 589                          | 2 573                              | 3 829                              | 1 988                              | 9.513          |
| California Public Utilities Commission*  | ō  | 0  | ō   | ō   | ō   | ō  | ō  | ō                       | 0 0                                       | 0                               | ō                           | ō                       | ō                       | ō                           | ō                       | ō                       | ō                                  | 0                         | 0                            | 0                            | 1,889                              | 9,928                              | 10,803                             | 22,620         |
| Pacific Gas and Electric   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 1,671                              | 4,208                              | 6,160                              | 12,039         |
| Southern California Edison<br>San Diego Gas and Electric   |  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 114<br>74                          | 2,649                              | 1,671                              | 4,434<br>5.017 |
| ***Southern California Gas Company   | Ö  | 0  | 0   | ő   | 0   | Ö  | ő  | Ö                       | 0 0                                       |                                 | 0                           | ő                       | ő                       | Ö                           | ő                       | Ö                       | ő                                  | 0                         | 0                            | 0                            | 30                                 | 1,100                              | 2,572                              | 1,130          |
| Pre-1998   | 37   | 38   | 11  | 12  | 15  | 63   | 0  | 4                       | 59 15                                     |                                 | 477                         | 806                     | -336                    | -250                        | 378                     | 110                     | 464                                | 0                         | 0                            | 0                            | 0                                  | 0                                  | 0                                  | 1,918          |
| City of Palo Alto Utilities<br>City of Santa Clara Flectric Utility  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 16                        | 16                           | 98<br>34                     | 73<br>14                           | 40                                 | 33                                 | 275<br>54      |
| City of Pasadena Water and Power   | 0  | 0  | 0   | 0   | 0   | 0  | Ö  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 84                                 | 0                                  | 0                                  |                |
| City of Burbank Water and Power  | ŏ  | ŏ  | ő   | ő   | ő   | ő  | ő  | ő                       | 0 0                                       | iŏ                              | ő                           | ő                       | ő                       | ő                           | ő                       | ő                       | ő                                  | 4                         | ő                            | ő                            | 3                                  | ő                                  | 3                                  | 84<br>10       |
| City of Anaheim Public Utilities   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 102                          | 17                           | 107                                | 50                                 | 37                                 | 312            |
| City of Redding Electric Utility<br>City of Glendale Water and Electric  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 2<br>19                            | 0                                  | 7                                  | . 8            |
| City of Glendale Water and Electric<br>City of Riverside Public Utilities  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 150                          | 19                                 | 214                                | 0<br>10                            | 19<br>389      |
| City of Roseville Electric   | ő  | ő  | ő   | ő   | ő   | ő  | ő  | ő                       | 0 0                                       |                                 | ő                           | ő                       | ő                       | ő                           | ő                       | ő                       | ő                                  | 9                         | ő                            | 0                            | 44                                 | 62                                 | 18                                 | 133            |
| Pacific Power  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 10                           | 9                                  | 0                                  | 0                                  | 19             |
| City of Alameda Power and Telecom  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 4                                  | 0                         | 0                            | 0                            | .1                                 | 0                                  | 0                                  | 5              |
| City of Ukiah Public Utilities<br>City of Lodi Electric Utility  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 12                                 | 8                                  | 0                                  | 20             |
| Cumulative Data (below)  | - ·  |  | -   |   |   | -  |  |                         |   |                                 | -                           |                         | -                       | -                           | -                       | -                       | -                                  |                           |                              |                              | -                                  | -                                  | -                                  |                |
| Sacramento Municipal Utility District  | 0  | 0  | 0   | 1,230   | 1,230   | 2,460 2  | ,460 2   | 2,460 2,                | 460 2,460                                 | 2,460                           | 2,483                       | 2,978                   | 3,653                   | 4,214                       | 4,635                   | 5,040                   | 5,276                              | 6,496                     | 7,942                        | 9,621                        | 11,011                             | 11,374                             | 11,924                             |                |
| California Energy Commission*  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 |                             | 0                       | 0                       | 0                           | 0                       | 0                       | 181                                | 800                       | 1,526                        | 5,561                        | 13,662                             | 25,935                             | 40,732                             |                |
| Los Angeles Department of Water and Power<br>California Public Utilities Commission*   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 102                       | 534<br>0                     | 1,123                        | 3,696<br>1,889                     | 7,525<br>11,817                    | 9,513<br>22,620                    |                |
| Cantornia Public Utilities Commission* Pacific Gas and Electric  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 1,889                              | 5,879                              | 12,039                             |                |
| Southern California Edison   | . 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 114                                | 2,763                              | 4,434                              |                |
| San Diego Gas and Electric   |  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 74                                 | 2,045                              | 5,017                              |                |
| ***Southern California Gas Company   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 30                                 | 1,130                              | 1,130                              |                |
| Pre-1998<br>City of Palo Alto Utilities  | 37<br>0  | 75<br>0  | 86  | 98<br>0   | 112   | 175<br>0   | 175<br>0   | 179<br>0                | 238 253                                   | 270                             | 747                         | 1,552                   | 1,216                   | 966<br>0                    | 1,345                   | 1,454                   | 1,918                              | 1,918<br>16               | 1,918<br>32                  | 1,918                        | 1,918<br>203                       | 1,918<br>243                       | 1,918<br>275                       |                |
| City of Santa Clara Electric Utility   | 0  | 0  | 0   | 0   | ō   | 0  | ő  | ō                       | 0 0                                       |                                 | 0                           | ő                       | ő                       | ő                           | ő                       | ō                       | ō                                  | 0                         | 2                            | 36                           | 50                                 | 54                                 | 54                                 |                |
| City of Pasadena Water and Power   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | ō                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 0                            | 84                                 | 84                                 | 84<br>10                           |                |
| City of Burbank Water and Power  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 4                         | 4                            | 4                            | 7<br>226                           | 7<br>275                           | 10<br>312                          |                |
| City of Anaheim Public Utilities<br>City of Redding Electric Utility   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 102                          | 119<br>0                     | 226                                | 2/5                                | 312                                |                |
| City of Glendale Water and Electric  | 0  | 0  | 0   | ő   | Ö   | 0  | ő  | ō                       | 0 0                                       |                                 | 0                           | 0                       | ő                       | Ö                           | ő                       | Ö                       | ő                                  | ő                         | Ö                            | 0                            | 19                                 | 19                                 | 19                                 |                |
| City of Riverside Public Utilities   | ő  | ő  | ő   | ő   | ő   | ő  | ő  | ő                       | 0 0                                       |                                 | ő                           | ő                       | ő                       | ő                           | ő                       | ő                       | ő                                  | ő                         | ő                            | 150                          | 165                                | 379                                | 389                                |                |
| City of Roseville Electric   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 9                         | 9                            | 9                            | 53                                 | 115                                | 389<br>133                         |                |
| Pacific Power<br>City of Alameda Power and Telecom   | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 0                                       |                                 | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 0                                  | 0                         | 0                            | 10<br>4                      | 19                                 | 19<br>5                            | 19                                 |                |
| City of Ukiah Public Utilities   | 0  | 0  | 0   | ő   | Ö   | Ö  | ő  | ō                       | 0 0                                       |                                 | 0                           | 0                       | ő                       | Ö                           | ő                       | Ö                       | ő                                  | ő                         | 0                            | ō                            | 12                                 | 20                                 | 20                                 |                |
| City of Lodi Electric Utility  | 0  | ō  | ō   | ō   | ō   | ō  | ō  | ō                       | 0 0                                       |                                 | ō                           | ō                       | ō                       | ō                           | ō                       | ō                       | ō                                  | ō                         | ō                            | 4                            | 4                                  | 4                                  | 4                                  |                |
| Total Othe   | r 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0                       | 0 (                                       | 0                               | 0                           | 0                       | 0                       | 0                           | 0                       | 0                       | 4                                  | 33                        | 153                          | 465                          | 846                                | 1,224                              | 1,332                              |                |
| TOTAL  | 37   | 38   | - 11  | 1,242   |   | 1.293  |  |                         |   |                                 |                             |                         | 339                     | 311                         | 799                     | 515                     | 885                                | 1.970                     | 2.724                        | 6,615                        | 14,335                             | 26,770                             | 28.246                             | 88,038         |
|  |  |  |   |   | 15  |  | 0  | 4                       | 59 15                                     |                                 | 500                         | 1,301                   | 339                     |                             |                         |                         |                                    |                           |                              |                              |                                    |                                    |                                    |                |
| Cumulative Total   | 37   | 75   | 86  | 1,328   | 15<br>1,342   |  | 635 2  | 2,639 2,                | 59 10<br>898 2,713                        |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             | 5,980                   | 6,494                   | 7,379                              |                           |                              |                              | 33,022                             |                                    | 88,038                             |                |
| Cumulative Total  Total by Year Range  | 1981-1989 1  | 75<br>990-1999 20  | 86  |   |   |  | ,635 2   | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
|  |  | 75   | 86  |   |   |  | ,635 2   | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
|  | 1981-1989 1<br>2,698   | 75<br>990-1999 20<br>6,652   | 86  |   |   |  | 2,635 2  | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range  | 1981-1989 1<br>2,698<br>Energy Com C<br>24.576   | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039  | 86<br>000-2004<br>78,689  |   |   |  | .635 2   | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range PG&E SCE   | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558   | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434   | 86<br>000-2004<br>78,689  |   |   |  | 0<br>2,635 2   | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range PG&E SCE SDG&E   | 1981-1989 1<br>2,698<br>Energy Com C<br>24.576   | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434<br>5,017  | 86<br>000-2004<br>78,689  |   |   |  | 1,635 2  | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range  PCALE SCIE SCIE SCIE SCIE SCIE SCIE SCIE SCI  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558   | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434   | 86<br>000-2004<br>78,689<br>ocal  |   |   |  | 1,635 2  | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range PG&E SCE SDG&E   | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558   | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434<br>5,017  | 86<br>000-2004<br>78,689  |   |   |  | ±,635 2  | 4<br>2,639 2,           |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range  PG&E SCGE SCGE SUCGE SMMD   | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558   | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434<br>5,017  | 86<br>000-2004<br>78,689<br>ocal  |   |   |  | 0<br>2,635 2   | 2,639 2,                |   |                                 | 3,230                       | 1,301<br>4,530          | 4,869                   |                             |                         | 6,494                   | 7,379                              |                           |                              |                              |                                    |                                    | 88,038                             |                |
| Total by Year Range PGAE SCS SCS SCS SMUD LADNY  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75<br>990-1999 20<br>6,652<br>CPUC LC<br>12,039<br>4,434<br>5,017<br>1,130   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250  |   |   | 2,635 2  |  |                         | 598 2,713                                 | 2,730                           | 3,230                       | 4,530                   | 4,869                   | 5,180                       | 5,980                   |                         | 7,379                              | 9,349                     | 12,073                       | 18,688                       | 33,022                             | 59,793                             |                                    |                |
| Total by Year Range PGAE SCS SCS SCS SMUD LADNY  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75<br>990-1999 20<br>6,652<br>CPUC L0<br>12,039<br>4,434<br>5,017<br>1,130   | 96<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250  | 1,328   | 1,342   | 2,635 2  | 1987 :   | 1988 1                  | 989 1990                                  | 2,730                           | 3,230                       | 4,530                   | 4,869                   | 5,180                       | 5,980                   | 1997                    | 7,379                              |                           |                              |                              | 33,022                             |                                    | 2004<br>24 687                     |                |
| Total by Year Range  POJE  SC S  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75<br>990-1999 20<br>6,652<br>CPUC LC<br>12,039<br>4,434<br>5,017<br>1,130   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250  |   |   | 2,635 2  | 1987   | 1988 1                  | 989 1990                                  | 2,730<br>1 1991<br>1 2,730      | 3,230<br>1992<br>3,230      | 4,530                   | 4,869                   | 5,180                       | 5,980                   |                         | 7,379                              | 9,349                     | 12,073                       | 18,688                       | 33,022<br>2002<br>17,472<br>13,662 | 2003<br>22,041<br>25,935           | 2004<br>24,687<br>40,732           |                |
| Total by Year Range  PGAE SCE SCEAR SCHAE SCHAE SCHAE SCHAE SCHAE SAMLD LADVIP The Rest of the State  The Rest of the State  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434<br>5,017<br>1,130   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86  | 1,328<br>1984<br>1,328  | 1,342<br>1985<br>1,342  | 1986 2,635 2   | 1987<br>2,635 2  | 1988 1<br>2,639 2,      | 989 1990<br>989 1990<br>989 2,713         | 2,730<br>1991<br>2,730          | 3,230<br>1992<br>3,230      | 4,530<br>1993<br>4,630  | 4,869<br>1994<br>4,869  | 5,180<br>1995<br>5,180      | 5,980<br>1996<br>5,980  | 1997<br>6,494           | 7,379<br>1998<br>7,198             | 9,349<br>1999<br>8,549    | 2000<br>10,547               | 2001<br>13,127               | 33,022<br>2002<br>17,472           | 2003<br>22,041                     | 2004<br>24,687                     |                |
| Total by Year Range  PGAE SCE SCE SCE SCE SCE SCE SCE SCE SCE SC   | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434<br>5,017<br>1,130   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86  | 1,328<br>1984<br>1,328  | 1,342<br>1985<br>1,342  | 1986 2,635 2   | 1987<br>2,635 2  | 1988 1<br>2,639 2,      | 989 1990<br>989 1990<br>989 2,713         | 2,730<br>1991<br>2,730          | 3,230<br>1992<br>3,230      | 4,530<br>1993<br>4,630  | 4,869<br>1994<br>4,869  | 5,180<br>1995<br>5,180      | 5,980<br>1996<br>5,980  | 1997<br>6,494           | 7,379<br>1998<br>7,198             | 9,349<br>1999<br>8,549    | 2000<br>10,547               | 2001<br>13,127               | 33,022<br>2002<br>17,472<br>13,662 | 2003<br>22,041<br>25,935           | 2004<br>24,687<br>40,732           |                |
| Total by Year Range  POJE SSC SSC SSC SSC SSC SSC SSU SSU SSU The Rest of the State The State of the State Collaboration Commission  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75<br>990-1999 20<br>6,652<br>CPUC Lo<br>12,039<br>4,434<br>5,017<br>1,130   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86  | 1,328<br>1984<br>1,328  | 1,342<br>1985<br>1,342  | 1986 2,635 2   | 1987<br>2,635 2  | 1988 1<br>2,639 2,      | 989 1990<br>989 1990<br>989 2,713         | 1991<br>2,730<br>1 2,730<br>0 0 | 3,230<br>1992<br>3,230<br>0 | 4,530<br>1993<br>4,630  | 4,869<br>1994<br>4,869  | 5,180<br>1995<br>5,180      | 5,980<br>1996<br>5,980  | 1997<br>6,494           | 7,379<br>1998<br>7,198             | 9,349<br>1999<br>8,549    | 2000<br>10,547               | 2001<br>13,127               | 33,022<br>2002<br>17,472<br>13,662 | 2003<br>22,041<br>25,935           | 2004<br>24,687<br>40,732           |                |
| Total by Year Range  POALE SCE SCE SCE SCE SCOE SCOE SCOE SCOE SC  | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75 990-1999 26 6.852 PUC Lc 12,039 4,434 5,017 1,130  1982 75 0 0  | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0   | 1,328<br>1,328<br>1984<br>1,328<br>0<br>0   | 1,342<br>1985<br>1,342<br>0   | 1986 2<br>2,635 2<br>0<br>0  | 1987 :<br>2,635 2<br>0                                 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 1995<br>5,180<br>0<br>0     | 1996<br>5,980<br>0      | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCE SCE SCE SCE SCOC SAUD LADVIP The Rest of the State The Rest of the State California Energy Commission California California Commission Number of Systems TOTAL   | 1981-1989 1<br>2,698<br>Energy Com C<br>24,576<br>10,558<br>5,565  | 75 990-1999 26 6.852 PUC Lc 12,039 4,434 5,017 1,130  1982 75 0 0  | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0   | 1,328<br>1,328<br>1984<br>1,328<br>0<br>0   | 1,342<br>1985<br>1,342<br>0<br>0  | 1986 2<br>2,635 2<br>0<br>0  | 1987 :<br>2,635 2<br>0                                 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PGAE SCE SCE SCE SCE SCOE SAUD LAWPY The Rest of the State The Rest of the State California Energy Commission California Palof Utilities Commission Number of Systems TOTAL Canadalve Total   | 1981-1989 1<br>2,698<br>Energy Com C<br>24,578<br>10,585<br>5,565  | 75 990-1999 26 6.652 PUC LC 12,039 4,434 5,017 1,130  1982 75 0 0 0  | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0<br>0  | 1,328<br>1,328<br>1984<br>1,328<br>0<br>0   | 1,342<br>1985<br>1,342<br>0<br>0  | 1986 2,635 2<br>0 0  | 1987   | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PCAE SCE SCE SCE SCE SCO LADVIP The Rest of the State Conformation Public Vision The Florit William Commission California Public Willies Commission TOTAL Commission Total Commission Total Commission William on Program: 1698 - 2003 Commission William on Program: 1698 - 2003 Commission William William on Program: 1698 - 2003  | 1981-1989 1<br>2,698 Energy Com C<br>24,576<br>10,585<br>5,585   | 75 990-1999 20 6,852 CPUC 12,039 4,434 5,017 1,130 1982 75 0 0 2 4 1999 6,498  | 96 86 900-2004 78,689 pocal 11,924 9,513 3,250 1983 86 0 0 0 9 4 8  | 1984<br>1,328<br>1,328<br>0<br>0<br>0   | 1985<br>1,342<br>0<br>0<br>19   | 1986 2,635 2<br>0 0<br>17 36   | 1987 :<br>2,635 2<br>0<br>0<br>36                      | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PGAE SCOCAE The Rest of the State The Rest of the St | 1981-1989 1<br>2,698<br>Energy Com   | 75 990-1999 20 6,652 PUC 12,039 4,434 5,017 1,130 1982 75 0 0 0 2 4 1999 6,498 800   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0<br>0<br>0<br>4<br>8   | 1,328<br>1,328<br>1,328<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561  | 1,342<br>1985<br>1,342<br>0<br>0<br>19<br>2002<br>11,011<br>13,662  | 1986 2<br>2,635 2<br>0 0<br>17<br>36<br>2003 1<br>11,374 11<br>25,935 40                                       | 1987   | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SIGE SIGE SIGE SIGE SIGE SIGE SIGE SIG   | 1981-1989 1<br>2,698 Energy Com C<br>24,576 10,558 5,585 1981 0<br>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 75 990-1999 26 6.652 PUC 12.039 4.434 5.017 1,130 1982 75 0 0 0 2 4 1999 6.498 800 102   | 96 86 900-2004 78,689 9003 9003 9003 9003 9003 9003 900 900   | 1,328<br>1,328<br>1,328<br>0<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561<br>1,123  | 1,342<br>1985<br>1,342<br>0<br>0<br>0<br>2002<br>11,011<br>13,662<br>3,696                                  | 1986 2,635 2<br>0 0<br>17 36<br>2003 1<br>11,374 11<br>2003 40<br>7,525 9                                      | 1987   | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCE SCE SCE SCE SCO SCO SCO SCO SCO SCO The Rest of the State The Rest of the State Calfornia Energy Commission Calfornia Public Villes Commission DOAL Calfornia Total Calfornia Total Camadiane W Installed by Uliky and Program. 1698 : 2000 Sacramento Murcipol Uliky District Calfornia Energy Commission Calfornia Calfornia Energy Commission Calfornia C | 1981-1989 1<br>2,698<br>Energy Com   | 75 990-1999 20 6,652 PUC 12,039 4,434 5,017 1,130 1982 75 0 0 0 2 4 1999 6,498 800   | 86<br>000-2004<br>78,689<br>ocal<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0<br>0<br>0<br>4<br>8   | 1,328<br>1,328<br>1,328<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561  | 1,342<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>3,698<br>1,889                           | 1986 2<br>2,635 2<br>0<br>0<br>17<br>36<br>2003 :<br>11,374 11<br>11,374 11<br>18,17 22<br>5,935 40<br>7,525 9 | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POALE SIGAL The Rest of the State Calfornia Energy Commission Calfornia Public Utilities Commission Calfornia Public Utilities Commission TOTAL Commission Signal | 1981-1989 1<br>2,698 Energy Corn C 24,578 10,558 5,565 1981 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 75 990-1999 21 990-1999 22 PUC L1 2(039 4,434 5,017 1,130  1982 75 0 0 2 4 1990 6,498 800 102 0 33   | 96 86 900-2004 78,689 900-2004 9,513 3,250 9 0 0 0 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1,328<br>1,328<br>1,328<br>0<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,465  | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987   | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCE SCE SCE SCE SCO LADVP The Rest of the State The Rest of the State Customa Energy Commission Total Customa Energy Commission The Rest of the State The Rest of the State  | 1981-1989 1 2,698 Energy Com C 24,578 10,558 5,585  1981 37 0 0  2 2 2 1998 5,276 181 0 0 0 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6  | 75 990-1999 20 990-1999 20 102,039 4,434 4,5017 1,130  1982 75 75 75 70 0 0 1999 6,496 800 1002 0 33   | 96 86 900-2004 78,689 900-2004 9,513 3,250 9 0 0 0 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1,328<br>1,328<br>1,328<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561<br>1,123<br>0<br>465<br>2004 Net M   | 1,342<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>3,698<br>1,889                           | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POGE SCS SCS SCS SCS SCS SCS SCS SCS SCS SC   | 1981-1989 1 2,698 Energy Com C 24,576 10,558 5,565  1981 1981 2 2 2 1998 5,276 181 0 0 4 Energy Com C 24,576 6 24,576  | 75 990-1999 21 6,655 2 FPUC L2 12,039 4,434 5,017 1,130  1982 75 0 0 2 4 1999 6,496 800 800 800 800 800 800 800 800 800 80   | 96 86 900-2004 78,689 900-2004 9,513 3,250 9 0 0 0 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1,328<br>1,984<br>1,328<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561<br>1,123<br>465<br>204<br>103,000  | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POSE SCA  | 1981-1989 1 2.698 Energy Com C 24,576 10,558 5,565  1981 37 0 0 2 2 2 Energy Com C 24,576 0 0 4 Energy Com C 24,576 0 10,558   | 75 990-1999 21 6,652 PUC 12,039 4,434 5,017 1,130  1982 75 0 0 0 2 4 1999 6,489 60 0 0 1999 6,489 60 0 102 2 4 12,039 13,039 14,039 15,564   | 96 86 900-2004 78,689 900-2004 9,513 3,250 9 0 0 0 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0  | 1,328<br>1,328<br>1,328<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561<br>1,123<br>0<br>465<br>2004 Net M   | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SIGAL SIGAL SIGAL SIGAL SIGAL SIGAL SIGAL The Rest of the State The Rest of the State Cultomia Energy Commission Cultoma Public Utilities Commission Cultoma Public Utilities Commission Cultoma Public Utilities Commission Cultoma Public Utilities Commission Currentative Total  Currentative NW Installed by Utility and Program: 1988 – 2003 Sacramento Municipal Utility Dutind Cultoma Energy Commission Total Currentative Total  Currentative NW Installed by Utility and Program: 1988 – 2003 Sacramento Municipal Utility Dutind Cultoma Public Utilities Commission The Rest of the State POAE SIGE SIGE SIGE SIGE SIGE SIGE SIGNED SIGNED  | 1981-1989 1 2,698 Energy Com C 24,576 10,558 5,565  1981 1981 2 2 2 1998 5,276 181 0 0 4 Energy Com C 24,576 6 24,576  | 75 990-1999 21 6,655 2 FPUC L2 12,039 4,434 5,017 1,130  1982 75 0 0 2 4 1999 6,496 800 800 800 800 800 800 800 800 800 80   | 96 900-2004 78,689 90031 11,924 9,513 3,250 900 900 900 900 900 900 900 900 900 9   | 1,328<br>1984<br>1,328<br>0<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561<br>1,561<br>1,561<br>103,000<br>98,000<br>19,460<br>13,510   | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCE SCE SCE SCE SCOM The Rest of the State The Rest of the State Customs Energy Commission Customs Padic Utilities Commission Purchase State Total Customs Commission Customs Padic Utilities Commission Purchase of System TOTAL Customs For State Customs Energy Commission Customs State TOTAL Customs For State Customs Energy Commission Total Customs Energy Commission Total Customs Energy Commission The Rest of the State SCE  | 1981-1989 1 2.698 Energy Com C 24,576 10,558 5,565  1981 37 0 0 2 2 2 Energy Com C 24,576 0 0 4 Energy Com C 24,576 0 10,558   | 75 990-1999 21 6,652 PUC 12,039 4,434 5,017 1,130  1982 75 0 0 0 2 4 1999 6,489 60 0 0 1999 6,489 60 0 102 2 4 12,039 13,039 14,039 15,564   | 900-2004<br>79,689<br>000-3004<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0<br>0<br>0<br>4<br>8<br>2000<br>7,942<br>1,526<br>34<br>0<br>153                     | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SIGAL SIGAL SIGAL SIGAL SIGAL SIGAL SIGAL The Rest of the State The Rest of the State Cultomia Energy Commission Cultoma Public Utilities Commission Cultoma Public Utilities Commission Cultoma Public Utilities Commission Cultoma Public Utilities Commission Currentative Total  Currentative NW Installed by Utility and Program: 1988 – 2003 Sacramento Municipal Utility Dutind Cultoma Energy Commission Total Currentative Total  Currentative NW Installed by Utility and Program: 1988 – 2003 Sacramento Municipal Utility Dutind Cultoma Public Utilities Commission The Rest of the State POAE SIGE SIGE SIGE SIGE SIGE SIGE SIGNED SIGNED  | 1981-1989 1 2.698 Energy Com C 24,576 10,558 5,565  1981 37 0 0 2 2 2 Energy Com C 24,576 0 0 4 Energy Com C 24,576 0 5,565  | 75 990-1999 21 6,652 PUC L1 12,039 4,434 5,017 1,130  1982 75 0 0 0 2 4 1999 6,489 60 0 0 1999 6,489 60 0 102 2 4 12,039 13,039 14,039 15,564  | 96 900-2004 78,689 90031 11,924 9,513 3,250 900 900 900 900 900 900 900 900 900 9   | 1,328<br>1984<br>1,328<br>0<br>0<br>0<br>5<br>13<br>2001<br>9,621<br>5,561<br>1,561<br>1,561<br>103,000<br>98,000<br>19,460<br>13,510   | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PCAE SCE SCE SCE SCE SCOME SCOME The Rest of the State The Rest of the State California Fooding Total Children California Fooding Total Children London Total Compation Will Indicate by Ulfuly and Program. 1986 - 2003 Sammento Municipate Ulfuly District California Energy Commission California Commission California Commission California Commission The Rest of the State Scale SCE   | 1981-1989 1 2,098 Energy Core (24,576 24,576 10,558 10,558 1,5685 1981 37 0 0 2 2 2 1998 1998 1998 1998 1998 1998 199  | 75 990-1999 2t 6,652 PUC Lt 12,039 1,130 1982 75 75 75 75 75 70 0 0 2 4 1999 6,486 800 0 102 0 33 2 PUC Lt 12,039 5,564 5,017  | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PCAE SCE SCE SCE SCE SCE SCE SCE SCE SCE SC   | 1981-1989 1 2,698 Energy Com (2,578 10,578 1 | 75 990-1999 2t 6,852 PUC L2 12,039 1,130 1982 75 0 0 1982 4 4 1993 1992 1993 1993 1993 1993 1994 1995 1995 1995 1995 1995 1995 1995  | 900-2004<br>79,689<br>000-3004<br>11,924<br>9,513<br>3,250<br>1983<br>86<br>0<br>0<br>0<br>4<br>8<br>2000<br>7,942<br>1,526<br>34<br>0<br>153                     | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POSE SCE SCE SCE SCE SCE SCOME SCOME LADVY The Rest of the State Calfornia Energy Commission Calfornia Pade Utilities Commission Calfornia Pade Utilities Commission Calfornia Pade Utilities Commission TOTAL Commission Will Institute of the State Commission Will State Commission Commission TOTAL Commission T | 1981-1989 1 2,698 Energy Com C 24,576 1981 37 0 0 0 1981 9881 37 0 0 4 Energy Com C 24,576 10,525 10,585   | 75 990-1999 2t 990-1999 2t 6,652 PUC Lt 12,039 1,130 1982 75 0 0 0 1982 4 1999 6,496 6,000 100 100 12,039 1 | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCE SCE SCE SCE SCE SCE SCE SCE SCE SC   | 1981-1989 1 2,698 Energy Com (2,698 10,598 1 | 75 90-1999 2t 96-6852 PUC Lt 12,039 4,434 5,434 5,434 1,130 1982 75 76 0 0 2 4 4 1999 1999 1999 1999 1999 1999 199   | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCA  | 1981-1989 1 2,698 2,698 Energy Com (2,678 10,558 5,565  1981 1981 1981 2 2 2 1998 5,276 181 0 4 Energy Com (2,678 185 0 5,565  | 75 990-1999 2t 990-1999 2t 990-1999 2t 990-1999 2t 12,039 4,434 1,130 1982 75 0 0 0 0 1980 1999 1999 1999 1999 1999 1  | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PCAE SCE SCE SCE SCE SCE SCE SCE SCE SCE SC   | 1981-1989 1 2,698 2,698 Energy Com Company 10,558 5,865 10,558 10 | 75 990-1999 2t 990-1999 2t 990-1999 2t 12,039 4,434 75 1,130 1992 75 0 0 0 1992 4,996 8,99 | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SCA  | 1981-1989 1 2,698 2,698 Energy Com (2,678 10,558 5,565  1981 1981 1981 2 2 2 1998 5,276 181 0 4 Energy Com (2,678 185 0 5,565  | 75 990-1999 2t 990-1999 2t 990-1999 2t 990-1999 2t 12,039 4,434 1,130 1982 75 0 0 0 0 1980 1999 1999 1999 1999 1999 1  | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PCAE SCE SCE SCE SCE SCE SCE SCE SCE SCE SC   | 1981-1989 1 2,698 2 698 2 698 2 698 2 698 2 698 2 698 3 698  | 75 6 652 12 652  | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POAE SIGNATE STATE OF THE STATE OF T | 1981-1989 1 2,098 2,098 Energy Core Core 10,555 5,655 10,5 | 75 0.052 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POSE SCE SCE SCE SCE SCE SCE SCE SCE SCE S  | 1981-1989 1 2,098 1 2,098 1 2,098 1 1981 1981 1981 1981 1981 1981 1981   | 75   | 96.900-2004 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000 2000 1,526 534 0 153  | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  PCAE SCE SCE SCE SCE SCE SCE SCE SCE SCE SC   | 1981-1989 1 2.2698 Energy Com C Energy | 75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 96.00-2004. 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000.004 153 250 152 251 152 251 152 251 152 251 152 251 153 250 251 252 252 253 253 253 253 253 253 253 253 | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POSE SCE SCE SCE SCE SCE SCE SCE SCE SCE S  | 1981-1989 1 2,098 1 2,098 1 2,098 1 1981 1981 1981 1981 1981 1981 1981   | 75   | 96.00-2004. 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000.004 153 250 152 251 152 251 152 251 152 251 152 251 153 250 251 252 252 253 253 253 253 253 253 253 253 | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |
| Total by Year Range  POALE SICE SICE SICE SICE SICE SICE SICE SIC  | 1981-1989 1 2.698 2.698 1981-1992 1 1981-1992 1 1981-1992 1 1981-1992 1 2.2 2.2 2.2 1998 1998 1998 1998 1998 1998 1998 199   | 75 0.052   | 96.00-2004. 78.689 11,924 9,513 3,220 1983 4 8 0 0 0 2000.004 153 250 152 251 152 251 152 251 152 251 152 251 153 250 251 252 252 253 253 253 253 253 253 253 253 | 1,328<br>1984<br>1,528<br>0 0<br>0<br>5<br>13<br>2001<br>9,621<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>0,656<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,123<br>1,1 | 1,342<br>1985<br>1,342<br>0<br>0<br>6<br>19<br>2002<br>11,011<br>13,662<br>2 3,698<br>1,889<br>1,889<br>846 | 1986 2<br>2,635 2<br>0 0<br>11,374 11<br>125,935 40<br>71,817 22<br>11,224 1                                   | 1987 1.635 2 0 0 0 36 2004 924 1,732 1,532 1,532 1,532 | 1988 1<br>2,639 2,<br>0 | 989 2,713<br>989 1999<br>989 2,713<br>0 ( | 1991<br>2,730<br>0 0            | 3,230<br>1992<br>3,230<br>0 | 1993<br>4,530<br>0<br>0 | 1994<br>4,869<br>0<br>0 | 5,180<br>1995<br>5,180<br>0 | 1996<br>5,980<br>0<br>0 | 1997<br>6,494<br>0<br>0 | 7,379<br>1998<br>7,198<br>181<br>0 | 1999<br>8,549<br>800<br>0 | 2000<br>10,547<br>1,526<br>0 | 2001<br>13,127<br>5,561<br>0 | 2002<br>17,472<br>13,662<br>1,889  | 2003<br>22,041<br>25,935<br>11,817 | 2004<br>24,887<br>40,732<br>22,620 |                |

#### Grid-Connected PV Systems Installed in California

#### **YEAR**

|  | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998     | 1999      | 2000      | 2001       | 2002         | 2003         | 2004           | Total   |                |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|-----------|-----------|------------|--------------|--------------|----------------|---------|----------------|
| Program  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |           |           |            |              |              |                |         |                |
| •  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |           |           |            |              |              |                |         |                |
| Sacramento Municipal Utility District                                | 0    | 0    | -    | 1    | 0    |      | 0    | 0    | 0    | 0    | -    | 6    |      | 124  | 113  | 62   | 17   | 37       | 211       | 134       | 306        | 0            | 68           | 12             | 1,148   |                |
| California Energy Commission*  | 0    | 0    |      | 0    | 0    |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 41       | 180       | 215       | 1,237      | 2,225        | 2,866        | 3,502          | 10,266  | 0.470          |
| Pacific Gas and Electric<br>Southern California Edison               | 0    | 0    | -    | 0    | 0    |      |      | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 27<br>14 | 127<br>47 | 125<br>59 | 650<br>310 | 1,309<br>584 | 1,693<br>710 | 2,239<br>795   |         | 6,170<br>2,519 |
| San Diego Gas and Electric   | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 6         | 31        | 275        | 332          | 456          | 468            |         | 1,568          |
| Bear Valley Electric   | 0    | 0    | -    | 0    | 0    |      | •    | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 2/3        | 0            | 456          | 0              |         | 9              |
| Los Angeles Department of Water and Power                            | 0    | 0    |      | 0    |      |      |      | 0    | 0    | -    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 12        | 3         | 115        | 231          | 127          | 16             | 504     | 504            |
| California Public Utilities Commission*                              | ٠    | ·    | ٠    |      |      |      |      | ·    | ·    |      |      | ·    |      | ·    | ·    | ·    |      |          |           | ·         |            | 15           | 77           | 106            | 198     |                |
| Pacific Gas and Electric   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 9            | 47           | 60             |         | 116            |
| Southern California Edison   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 3            | 23           | 30             |         | 56             |
| San Diego Gas and Electric   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 2            | 6            | 16             |         | 24             |
| ***Southern California Gas Company                                   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 1            | 1            | 0              |         | 2              |
| Pre-1998   | 2    | 2    |      | 4    | 6    |      |      | 1    | 4    | 1    | 2    | -3   |      | -118 | -108 | -52  | -7   | 37       | 0         | 0         | 0          | 0            | 0            |                | -254    |                |
| City of Palo Alto Utilities  | 0    | 0    |      | 0    | 0    |      |      | 0    | 0    | 0    |      | 0    |      |      | 0    | 0    | 0    | 0        | 4         | 6         | 28         | 22           | 17           | 13             | 90      |                |
| City of Santa Clara Electric Utility                                 | 0    | 0    | 0    | 0    | 0    | -    | -    | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 1         | 11         | 4            | 1            |                | 17      |                |
| City of Pasadena Water and Power                                     | 0    | 0    |      | 0    | 0    |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 0            | 0            |                | 0       |                |
| City of Burbank Water and Power City of Anaheim Public Utilities     | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 1         | 0         | 0          | 2<br>11      | 1<br>11      | 11             | 4<br>41 |                |
| City of Redding Electric Utility                                     | 0    | 0    | 0    | 0    | -    | -    | -    | 0    | 0    | 0    | -    | 0    | -    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 0            | 0            | 3              | 41      |                |
| City of Glendale Water and Electric                                  | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 0            | 0            | 3              | 3<br>0  |                |
| City of Riverside Public Utilities                                   | 0    | 0    | -    | 0    | -    | -    | -    | 0    | 0    | 0    |      | 0    | -    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 1          | 5            | 2            | 1              | 9       |                |
| City of Roseville Electric   | 0    | 0    | 0    | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 20           | 21           | 4              | 45      |                |
| Pacific Power  | Ö    | Ö    | Ö    | Ö    | Ö    | . 0  | ő    | ő    | 0    | ő    | 0    | Ö    |      | ő    | Ö    | ő    | ő    | Ö        | Ö         | 0         | 2          | 1            | 0            | •              | 3       |                |
| City of Alameda Power and Telecom                                    | 0    | 0    | 0    | ō    | ō    | 0    | ō    | ō    | 0    | ō    | 0    | 0    | 0    | 0    | ō    | ō    | ō    | 0        | ō         | 0         | 0          | 0            | 0            |                | ō       |                |
| City of Ukiah Public Utilities                                       | 0    | 0    | 0    | 0    | O    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 3            | 5            | 0              | 8       |                |
| City of Lodi Electric Utility  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 0            | 0            |                | 0       |                |
| TOTAL  | 2    | 2    | 4    | 5    | 6    | 17   | 0    | 1    | 4    | 1    | 2    | 3    | - 11 | 6    | 5    | 10   | 10   | 115      | 408       | 360       | 1,707      | 2,539        | 3,196        | 3.668          | 12,082  |                |
| Cumulative Total   | 2    |      | 8    | 13   |      |      |      | 37   | 41   | 42   |      | 47   |      | 64   | 69   | 79   | 89   | 204      | 612       | 972       | 2.679      | 5,218        | 8,414        | 12,082         | 12,002  |                |
|  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |           |           |            |              |              |                |         |                |
| Sacramento Municipal Utility District                                | 0    | 0    |      | 1    | 1    | 2    |      | 2    | 2    |      |      | 8    |      | 188  | 301  | 363  | 380  | 417      | 628       | 762       | 1,068      | 1,068        | 1,136        | 1,148          | 12,082  |                |
| California Energy Commission*  | 0    | 0    | -    | 0    | 0    | -    |      | 0    | 0    | 0    |      | 0    | -    |      | 0    | 0    | 0    | 41       | 221       | 436       | 1,673      | 3,898        | 6,764        | 10,266         |         |                |
| Pacific Gas and Electric   | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 27       | 154       | 279       | 929        | 2,238        | 3,931        | 6,170          |         |                |
| Southern California Edison   | 0    | 0    | -    | 0    | 0    | -    | -    | 0    | 0    | 0    | 0    | 0    |      | 0    | 0    | 0    | 0    | 14<br>0  | 61        | 120<br>37 | 430<br>312 | 1,014<br>644 | 1,724        | 2,519<br>1,568 |         |                |
| San Diego Gas and Electric<br>Bear Valley Electric                   | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 0        | 6         | 0         | 312        | 2            | 1,100        | 1,568          |         |                |
| Los Angeles Department of Water and Power                            | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 12        | 15        | 130        | 361          | 488          | 504            |         |                |
| California Public Utilities Commission*                              | 0    | 0    | -    | 0    | 0    | -    |      | 0    | 0    | 0    | -    | 0    | -    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 15           | 92           | 198            |         |                |
| Pacific Gas and Electric   | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 9            | 56           | 116            |         |                |
| Southern California Edison   | ō    | ō    | ō    | ō    | ō    | 0    | ō    | ō    | ō    | ō    | 0    | ō    | 0    | ō    | ō    | ō    | ō    | ō        | ō         | ō         | ō          | 3            | 26           | 56             |         |                |
| San Diego Gas and Electric   | 0    | 0    | 0    | 0    | O    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 2            | 8            | 24             |         |                |
| ***Southern California Gas Company                                   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 1            | 2            | 2              |         |                |
| Pre-1998   | 2    | 4    | 8    | 12   | 18   | 34   |      | 35   | 39   | 40   | 42   | 39   | -6   | -124 | -232 | -284 | -291 | -254     | -254      | -254      | -254       | -254         | -254         | -254           |         |                |
| City of Palo Alto Utilities  | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 4         | 10        | 38         | 60           | 77           | 90             |         |                |
| City of Santa Clara Electric Utility                                 | 0    | 0    | -    | 0    |      |      |      | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 1         | 12         | 16           | 17           | 17             |         |                |
| City of Pasadena Water and Power                                     | 0    | 0    | 0    | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 0            | 0            | 0              |         |                |
| City of Burbank Water and Power                                      | 0    | 0    |      | 0    | 0    |      | -    | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 0        | 1         | 1         | 1          | 3            | 4            | 4              |         |                |
| City of Anaheim Public Utilities                                     | 0    | 0    | 0    | 0    | -    | -    |      | 0    | 0    | 0    |      | 0    | -    | 0    | 0    | 0    | 0    | 0        | 0         | 1         | 8          | 19           | 30           | 41             |         |                |
| City of Redding Electric Utility City of Glendale Water and Electric | 0    | 0    | 0    | 0    | 0    |      |      | 0    | 0    | 0    |      | 0    | -    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 0            | 0            | 3              |         |                |
| City of Riverside Public Utilities                                   | 0    | 0    | 0    | 0    | 0    |      |      | 0    | 0    | 0    | . 0  | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 1          | 6            | 8            | 0              |         |                |
| City of Roseville Electric   | 0    | 0    | -    | 0    | 0    | -    | -    | 0    | 0    | 0    | -    | 0    | -    | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 20           | 41           | 45             |         |                |
| Pacific Power  | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    | -    | 0    |      | 0    | 0    | 0    | 0    | 0        | 0         | 0         | 2          | 3            | 3            | 3              |         |                |
| City of Alameda Power and Telecom                                    | Ö    | 0    |      | Ö    |      |      |      | 0    | 0    | ő    |      | ő    |      |      | Ö    | 0    | ő    | Ö        | 0         | 0         | 0          | 0            | 0            | ő              |         |                |
| City of Ukiah Public Utilities                                       | 0    | 0    | -    | Ö    | -    | -    | -    | 0    | 0    | Ö    | -    | Ö    |      |      | Ö    | 0    | Ö    | Ö        | 0         | 0         | Ö          | 3            | 8            | 8              |         |                |
| City of Lodi Electric Utility  | Ö    |      |      | Ö    |      |      |      | ő    | Ö    |      |      | Ö    |      | Ö    | Ö    | Ö    | Ö    | Ö        | Ö         | 0         | Ö          | Ö            | 0            | 0              |         |                |
| •  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          |           |           |            |              |              |                |         |                |
| Sacramento Municipal Utility District                                | 0    | 0    | 0    | 1    | 1    | 2    | 2    | 2    | 2    | 2    | . 2  | 8    | 64   | 188  | 301  | 363  | 380  | 417      | 628       | 762       | 1,068      | 1,068        | 1,136        | 1,148          |         |                |
| California Energy Commission*  | 0    | 0    | -    | 0    | 0    |      |      | 0    | 0    | 0    |      | 0    |      |      | 0    | 0    | 360  | 417      | 221       | 436       | 1,673      | 3,898        | 6.764        | 10,266         |         |                |
| Los Angeles Department of Water and Power                            | 0    | 0    |      | 0    |      |      |      | 0    | 0    | 0    |      | 0    |      |      | 0    | 0    | 0    | 0        | 12        | 15        | 130        | 361          | 488          | 504            |         |                |
| California Public Utilities Commission*                              | 0    |      |      | Ö    |      |      |      | 0    | 0    | ő    |      | ő    |      |      | 0    | 0    | 0    | 0        | 0         | 0         | 0          | 15           | 92           | 198            |         |                |
| The Rest of the State  | 0    |      | 0    | ō    |      |      | 0    | 0    | 0    | 0    | 0    | 0    |      | 0    | 0    | 0    | 0    | 0        | 5         | 13        | 62         | 130          | 188          | 220            | 12,336  |                |
| 1                              |      |      | _    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |          | •         |           |            |              |              |                | ,       |                |

#### NOTES

Numerous utilities have not yet provided the data to determine how many systems were installed per year.

"Pre-1998" Row: These numbers were derived by subtracting the total number of systems installed by SMUD each year from the totals contained in Appendix A of the 2001 EPRI Report titled "California Renewable Technology Market and Benefits Assessment." In some years, there is a negative number. This obviously did not happen. To be consistent with the EPRI data, it was decided to keep the negative number rather than make more assumptions.